ABSTRACT

Arranged within a cylindrical housing 1 are capturing cells 2 each including a cylindrical outer electrode 7 capable of capturing particulates and an inner electrode 6 inserted into the outer electrode and lined at its outer surface with a dielectric 5. Exhaust divergent means 3 is arrange on an end of the housing 1 so as to guide exhaust G to interiors in the respective capturing cells 2; exhaust convergence means 4 is arranged on the other end of the housing 1 so as to communicate with a gap 14 between an inner surface of the housing and outer surfaces of the outer electrodes 7 in the respective cells 2. The inner and outer electrodes 6 and 7 are connected to an electric discharge controller 15.

Thus, provided is an exhaust emission control device with high removal efficiency of particulates and with easiness in maintenance.